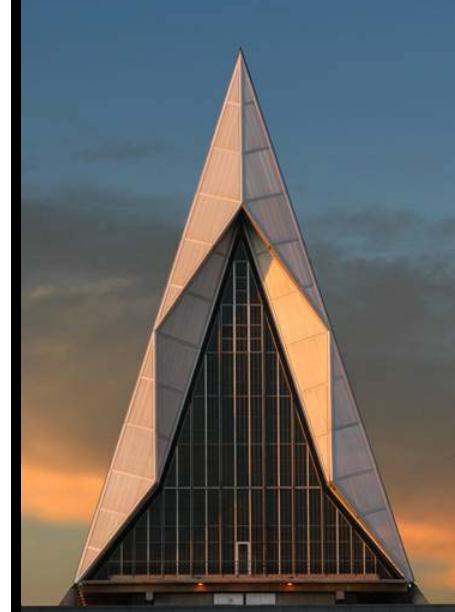




# *Sustainability and the Department of Defense*

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Director, Environmental Management  
March 8, 2012



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“Our mission at the Department is to secure this nation against threats to our homeland and to our people. In the 21<sup>st</sup> Century, the reality is that there are environmental threats which constitute threats to our national security. For example, the area of climate change has a dramatic impact on national security: rising sea levels, to severe droughts, to the melting of the polar caps, to more frequent and devastating natural disasters all raise demand for humanitarian assistance and disaster relief. ”

Secretary Leon E. Panetta  
Reception for the Environmental Defense Fund  
May 2, 2012



# What is Sustainability to DoD?

Acquisition, Technology and Logistics

Executive Orders 13423 and 13514:

'Sustainability' and 'sustainable' mean to create and maintain conditions, under which humans and nature can exist in productive harmony, that permit fulfilling the social, economic, and other requirements of present and future generations of Americans.

DoD vision:

Adopt sustainable practices and incorporate sustainability into decision-making to better ensure the ability to operate into the future without decline – either in the *mission* or in the natural and man-made systems that support it.

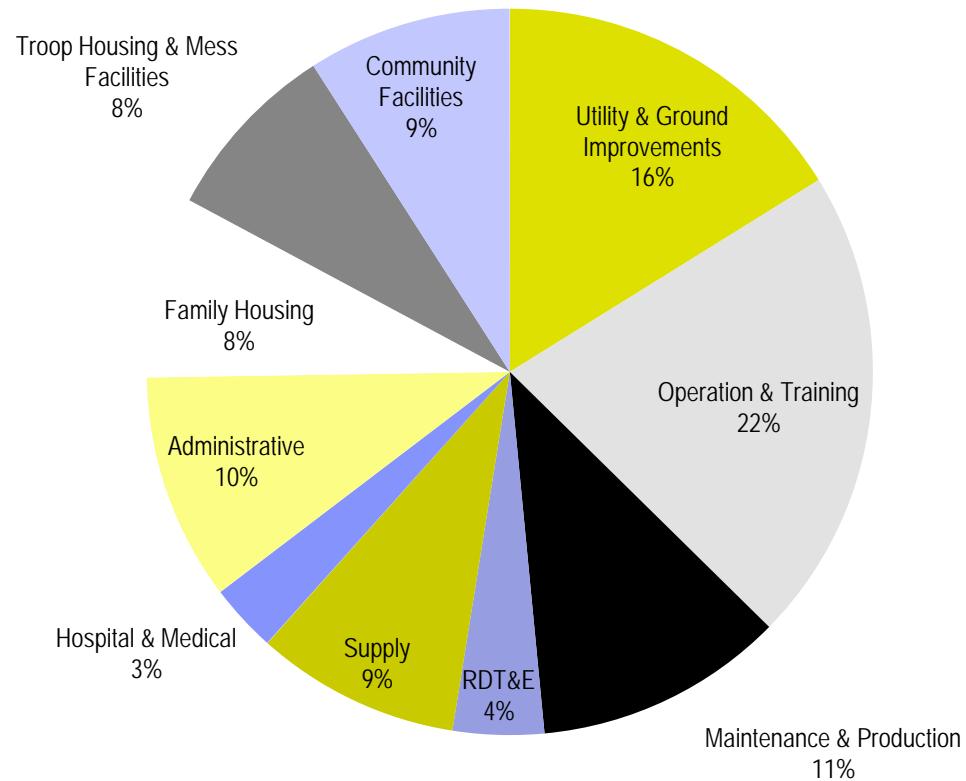


# DoD Built Infrastructure

Acquisition, Technology and Logistics

- 509,926 Facilities (buildings and structures)
  - 298,897 Buildings
    - 2.3 billion square feet
- Comparisons
  - GSA: 9,018 government buildings
    - 420 million square feet
  - Wal-Mart US: 4,498 buildings
    - 710 million square feet

DoD Building Classes





# DoD Natural Infrastructure

Acquisition, Technology and Logistics

- DoD is responsible for managing and protecting
  - 420 federally-listed species
  - 523 species at-risk
    - o More than 75 species are only found on DoD lands
- DoD harbors more sensitive species per acre than any other federal land managing agency.



DoD is responsible for managing nearly 29 million acres of land and hundreds of square miles of air and sea space.



# *Size and Complexity*

Acquisition, Technology and Logistics

- 197,000 Non-Tactical Vehicles
- Over 14 million contracting actions in FY2011
- Generated 93,000 tons of Hazardous Waste
- Generated 2.2 million tons of Municipal Solid Waste
  - Diverted 40% from Landfills
- Generated 4.1 million tons of Construction and Demo Debris
  - Diverted 77% from Landfills
- Provided Safe Drinking Water to 2.2 million people annually
- Maintain 1,300 Water Pollution Permits